

Exhibit E

1
2 IN THE UNITED STATES DISTRICT COURT
3 FOR THE SOUTHERN DISTRICT OF NEW YORK
4 Case No. 1:20-cv-01106-LGS

5 -----x

6 KEWAZINGA CORP.,

7 Plaintiff,

8 -against-

9 GOOGLE, LLC,

10 Defendant.

11 -----x

12 November 16, 2020

10:11 a.m.

13
14
15 Remote Videotaped Deposition
16 of JEFFREY LUBIN, an Expert Witness in
17 the above-entitled action, located in
18 Princeton, New Jersey, taken Via Zoom
19 before Dawn Matera, a Shorthand Reporter
20 and Notary Public.

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23
24
25 Job No. CS4338777

<p style="text-align: right;">Page 2</p> <p>1 2 A P P E A R A N C E S : 3 4 STROOCK STROOCK & LAVAN LLP Attorneys for Plaintiff 5 180 Maiden Lane New York, New York 10038 6 (212)806-5400 7 By: SAUNAK DESAI, ESQ. sdesai@stroock.com 8 IAN DiBERNARDO, ESQ. idibernardo@stroock.com 9 10 DESMARAIIS LLP Attorneys for Defendant 11 101 California Street San Francisco, California 94111 12 (415)573-1806 13 14 By: EMILY CHEN, ESQ. echen@desmarais.com AMEET MODI, ESQ. 15 emodi@desmarais.com DAVID FREY, ESQ. 16 dfrey@desmarais.com 17 18 Also Present: 19 JONATHAN POPHAM, Videographer 20 ~oOo~ 21 22 23 24 25</p>	<p style="text-align: right;">Page 4</p> <p>1 Lubin 2 THE VIDEOGRAPHER: Good morning. 3 We are going on the record at 4 a.m. on November 16th, 2020. Please 5 note the microphones are sensitive and 6 may pick up whispering, private 7 conversations and cellular 8 interference. Audio and video 9 recording will continue until all 10 parties agree to go off the record. 11 This is media number 1 of the 12 video deposition of Dr. Jeffrey Lubin 13 taken by counsel for defendant in the 14 matter of Kewazinga Corporation versus 15 Google, LLC filed in the United States 16 District Court for the Southern 17 District of New York, case number 18 1:20-cv-01106-LGS. 19 This deposition is being held at 20 multiple locations via 21 videoconference. My name is Jonathan 22 Popham from Veritext and I am the 23 videographer. The court reporter is 24 Dawn Matera, also from Veritext. 25 I am not authorized to</p>
<p style="text-align: right;">Page 3</p> <p>1 2 STIPULATIONS 3 IT IS HEREBY STIPULATED AND AGREED, by 4 and among counsel for the respective 5 parties hereto, that the filing, sealing 6 and certification of the within 7 deposition shall be and the same are 8 hereby waived; 9 IT IS FURTHER STIPULATED AND AGREED 10 that all objections, except as to form of 11 the question, shall be reserved to the 12 time of the trial; 13 IT IS FURTHER STIPULATED AND AGREED 14 that the within deposition may be signed 15 before any Notary Public with the same 16 force and effect as if signed and sworn 17 to before the Court. 18 * * * 19 20 21 22 23 24 25</p>	<p style="text-align: right;">Page 5</p> <p>1 Lubin 2 administer an oath. I am not related 3 to any party in this action, nor am I 4 financially interested in the outcome. 5 Counsel will now please state 6 their appearances and affiliations for 7 the record. 8 MR. DESAI: On behalf of 9 plaintiff Kewazinga Corp., this is 10 Stroock Stroock & Lavan. And also on 11 the line on behalf of Kewazinga Corp. 12 is Ian DiBernardo, also of Stroock & 13 Stroock & Lavan. 14 MS. CHEN: Good morning. This 15 is Emily Chen representing Google, 16 Inc. with the law firm of Desmarais 17 LLP. With me on the line are my 18 colleagues Ameet Modi and David Frey. 19 THE VIDEOGRAPHER: Okay. Anyone 20 else? 21 If that's everyone, will the 22 court reporter please swear in the 23 witness. 24 J E F F R E Y L U B I N, having been 25 first duly sworn by Dawn Matera, a Notary</p>

<p style="text-align: right;">Page 150</p> <p>1 Lubin</p> <p>2 So a matrix is also</p> <p>3 interchangeable with array for the</p> <p>4 purpose of this, for the purpose of these</p> <p>5 patents and in general. And whether or</p> <p>6 not a subarray is used, I think that</p> <p>7 meaning is well known to a POSITA and</p> <p>8 very clearly applies to the things like</p> <p>9 the sets of concentric rings as well as</p> <p>10 to other collections of what are, you</p> <p>11 know, called arrays here, but are also to</p> <p>12 be considered subarrays.</p> <p>13 Q. Did you come up with your</p> <p>14 definition of "array of cameras" before</p> <p>15 or after you reviewed Figure 11?</p> <p>16 MR. DESAI: Objection to form.</p> <p>17 A. As I said all along I came up</p> <p>18 with the definition based on general</p> <p>19 knowledge of the term and then I made</p> <p>20 sure that it was consistent with these</p> <p>21 various figures and discussions.</p> <p>22 And so, you know, that's how I</p> <p>23 will continue to answer that question.</p> <p>24 Q. The patent refers to -- strike</p> <p>25 that.</p>	<p style="text-align: right;">Page 152</p> <p>1 Lubin</p> <p>2 Q. Turning to column 19 of the</p> <p>3 '325 patent at line 7, do you see that it</p> <p>4 says, "A plurality of cylindrical arrays</p> <p>5 121-1 through 121-n of differing</p> <p>6 diameters comprising a series of cameras</p> <p>7 14 may be situated around an environment</p> <p>8 comprising one or more objects 1200, one</p> <p>9 cylindrical array at a time."</p> <p>10 Do you see that?</p> <p>11 A. Yes, I do.</p> <p>12 Q. The patent refers to the</p> <p>13 cylindrical arrays -- strike that.</p> <p>14 The patent uses the word</p> <p>15 "plurality," right?</p> <p>16 A. Plurality of rings, that's what</p> <p>17 you're referring to?</p> <p>18 Q. That's right. A plurality of</p> <p>19 cylindrical arrays; do you see that?</p> <p>20 A. Line 7, I guess, on column 19.</p> <p>21 Q. That's right.</p> <p>22 A. Okay, yeah.</p> <p>23 Q. The patent doesn't refer to</p> <p>24 those multiple arrays as one array here;</p> <p>25 is that fair?</p>
<p style="text-align: right;">Page 151</p> <p>1 Lubin</p> <p>2 In Figure 11 of the '325</p> <p>3 patent, the patent refers to 12-1, 12-2</p> <p>4 and 12-n as cylindrical arrays, right?</p> <p>5 A. Yes.</p> <p>6 Q. And Figure 11 is a top-down</p> <p>7 view of those cylindrical arrays; is that</p> <p>8 right?</p> <p>9 A. That's right.</p> <p>10 Q. And each circle is described as</p> <p>11 an array, correct?</p> <p>12 A. I don't recall if each circle</p> <p>13 is, but it could be. So each ring of</p> <p>14 cameras is an array. The vertical</p> <p>15 assembly of those rings in the cameras is</p> <p>16 an array that is composed of those ring-</p> <p>17 shaped arrays or as we're calling them</p> <p>18 subarrays.</p> <p>19 And then the additional rings</p> <p>20 are also arrays, but are also considered</p> <p>21 subarrays of a larger array that is</p> <p>22 formed as these rings are incorporated or</p> <p>23 added or put into place in place of the</p> <p>24 other rings that are taken away,</p> <p>25 according to how this is described.</p>	<p style="text-align: right;">Page 153</p> <p>1 Lubin</p> <p>2 MR. DESAI: Objection to form.</p> <p>3 A. Not explicitly here, but if you</p> <p>4 look at the figure, if you look at Figure</p> <p>5 11 -- let me just familiarize myself,</p> <p>6 instead of just speaking from memory --</p> <p>7 you will see this number 10, that refers</p> <p>8 to that selection of cylindrical arrays.</p> <p>9 You see that 10 with the arrow.</p> <p>10 If you go back to Figure 1,</p> <p>11 that 10 is explicitly referred to as an</p> <p>12 array and it is comprised of the same</p> <p>13 idea, those number 12 arrays. In this</p> <p>14 case they are rail arrays. But those are</p> <p>15 individual arrays. And number 10, the</p> <p>16 extent of those individual arrays is also</p> <p>17 an array.</p> <p>18 So it's the exact same thing in</p> <p>19 Figure 11 and in the description of it,</p> <p>20 whether or not -- whether or not the word</p> <p>21 "array" is used to refer to those</p> <p>22 concentric cylinders, it's still, there</p> <p>23 is no other way to understand it,</p> <p>24 especially when you consider that it</p> <p>25 refers back to Figure 1.</p>


<p style="text-align: right;">Page 154</p> <p>1 Lubin</p> <p>2 Q. Would another way to understand</p> <p>3 it be that they are a plurality of</p> <p>4 cylindrical arrays?</p> <p>5 MR. DESAI: Objection to form.</p> <p>6 A. They can be both and they are</p> <p>7 both. A plurality of cylindrical arrays</p> <p>8 in this case is an array on its own, on</p> <p>9 its own merit.</p> <p>10 Q. So in your view there is no</p> <p>11 distinction between a plurality of arrays</p> <p>12 and a single array; is that fair?</p> <p>13 MR. DESAI: Objection to form.</p> <p>14 Mischaracterizes testimony.</p> <p>15 A. Yeah, I would say in general a</p> <p>16 plurality, a plurality of arrays is</p> <p>17 always an array. But when they are</p> <p>18 assembled in this way for this purpose,</p> <p>19 they become an array by -- there is no</p> <p>20 other way to interpret it.</p> <p>21 Q. In the embodiment represented</p> <p>22 by Figure 11, an array of cameras is not</p> <p>23 composed of rings of different</p> <p>24 circumferences; is that fair?</p> <p>25 A. No. An array -- what was the</p>	<p style="text-align: right;">Page 156</p> <p>1 Lubin</p> <p>2 just as easily navigate along a ring as</p> <p>3 you can along a radius.</p> <p>4 The indices of these arrays,</p> <p>5 allows you, the way it's all constructed,</p> <p>6 it doesn't matter whether you're going --</p> <p>7 whatever direction you're going doesn't</p> <p>8 matter. You're indexing -- you're</p> <p>9 indexing into this larger array and</p> <p>10 thereby going on to different paths that</p> <p>11 include along the circumference of an</p> <p>12 individual ring. And it includes going</p> <p>13 up a cylinder and also includes going</p> <p>14 inward or outward along a radius. Those</p> <p>15 are all directions in this</p> <p>16 multidimensional array and it's</p> <p>17 constructed by a plurality of the</p> <p>18 cylindrical arrays.</p> <p>19 Q. Referring again to Figure 11.</p> <p>20 The specification of the patent does not</p> <p>21 describe Figure labeled 10 in the</p> <p>22 specific context of Figure 11; is that</p> <p>23 fair?</p> <p>24 MR. DESAI: Objection to form.</p> <p>25 A. The way I understand the</p>
<p style="text-align: right;">Page 155</p> <p>1 Lubin</p> <p>2 beginning of that question again?</p> <p>3 Q. In the embodiment represented</p> <p>4 by Figure 11, an array of cameras is not</p> <p>5 composed of rings of different</p> <p>6 circumferences; is that fair?</p> <p>7 MR. DESAI: Objection to form.</p> <p>8 A. You're specifically asking</p> <p>9 about rings of different circumferences</p> <p>10 or cylinders of different circumferences?</p> <p>11 Q. I apologize. Let me clarify.</p> <p>12 My question is: In the</p> <p>13 embodiment represented by Figure 11, an</p> <p>14 array of cameras is not composed of</p> <p>15 cylinders of different circumferences; is</p> <p>16 that fair?</p> <p>17 MR. DESAI: Objection to form.</p> <p>18 Misstates the testimony.</p> <p>19 A. Yeah, that's not fair. As I</p> <p>20 previously testified, that ring of</p> <p>21 cylinders is itself also an array.</p> <p>22 And in fact, that point is</p> <p>23 driven home even more by the fact that</p> <p>24 when you're, you know, in some ways of</p> <p>25 navigating through this array, you can</p>	<p style="text-align: right;">Page 157</p> <p>1 Lubin</p> <p>2 writing of patents is that when you refer</p> <p>3 to Figure 1, continually reference or</p> <p>4 whatever the expression is to Figure 1,</p> <p>5 then it includes the like terms from</p> <p>6 Figure 1 and there would be no reason to</p> <p>7 have that 10 hanging out there if it</p> <p>8 didn't refer to the same thing.</p> <p>9 Why would there be a 10? Just</p> <p>10 it's not a drafting error. It refers to</p> <p>11 something real. It refers to the entire</p> <p>12 set of cylindrical arrays. And if you</p> <p>13 look at the description of the embodiment</p> <p>14 described with respect to Figure 1, it</p> <p>15 explicitly calls that label 10 an array.</p> <p>16 So, you know, I don't think</p> <p>17 it's true that the description of the</p> <p>18 embodiment of Figure 11 does not refer to</p> <p>19 those things as an array for the reasons</p> <p>20 that I've just described.</p> <p>21 Q. In the '325 patent, please turn</p> <p>22 to column 18 at the bottom, around line</p> <p>23 59, where it reads "Multiple arrays."</p> <p>24 Do you agree that the section</p> <p>25 starting at the bottom of column 18</p>

<p style="text-align: right;">Page 198</p> <p>1 Lubin</p> <p>2 your opinion is different from the</p> <p>3 seamlessness that's described in the Burt</p> <p>4 patent; is that fair?</p> <p>5 A. It's different than some of the</p> <p>6 descriptions in there, yes.</p> <p>7 Q. How so?</p> <p>8 A. Well, as I've already said,</p> <p>9 the -- when you're trying to -- you know,</p> <p>10 seamlessness is, since it's a perceptual</p> <p>11 issue, there is no absolute seamlessness,</p> <p>12 and so it's really a question of, you</p> <p>13 know, to what extent it is to interfere</p> <p>14 with the task at end.</p> <p>15 And if the task at end is</p> <p>16 navigating through an environment, there</p> <p>17 is different requirements. You do not</p> <p>18 want to have things jump at one moment to</p> <p>19 the next, perhaps. But, you know, it's,</p> <p>20 I would say, a less stringent requirement</p> <p>21 than seamlessness in images.</p> <p>22 Q. So I can't recall the exact</p> <p>23 term, but is there a way to quantify a</p> <p>24 person's ability to perceive changes,</p> <p>25 small changes?</p>	<p style="text-align: right;">Page 200</p> <p>1 Lubin</p> <p>2 seamlessness. In anything that's</p> <p>3 consumed by the human visual system, it,</p> <p>4 you know, it's a relative thing.</p> <p>5 Q. For the record, could you spell</p> <p>6 the name of your coauthor on that paper?</p> <p>7 A. Yeah, it's Gerald, G-E-R-A-L-D,</p> <p>8 Alfonse, A-L-P-H-O-N-S-E.</p> <p>9 And maybe just to telegraph a</p> <p>10 little bit, you know, there is certainly</p> <p>11 no requirement for seamlessness at all in</p> <p>12 mosaicing, and in fact, in some</p> <p>13 applications you specifically do not want</p> <p>14 any kind of attempt to blur the seam.</p> <p>15 For example, in the aerial</p> <p>16 image, you know, analysis example that I</p> <p>17 gave before the break, where these image</p> <p>18 analysts are looking at satellite images</p> <p>19 and they are lined up so that they are</p> <p>20 more or less matching, they don't want</p> <p>21 anything to be done to remove any</p> <p>22 information to obstruct or distort any</p> <p>23 information at all in these images, even</p> <p>24 at what's not only on the edges between,</p> <p>25 between these different plates or what do</p>
<p style="text-align: right;">Page 199</p> <p>1 Lubin</p> <p>2 A. Yes, in fact a lot of my early</p> <p>3 work at Sarnoff was about that. One unit</p> <p>4 is called the adjust noticeable</p> <p>5 difference.</p> <p>6 And actually I did an analysis,</p> <p>7 I wrote a paper with another guy named</p> <p>8 Gerry Alphonse, I don't know if I</p> <p>9 included it in my CV, but it was about</p> <p>10 perceptual requirements of seamlessness</p> <p>11 in tiled large-screen displays. And it</p> <p>12 started out from the perspective that</p> <p>13 there is no such thing as complete</p> <p>14 seamlessness, because there is a seam</p> <p>15 between those displays. The question is</p> <p>16 how close do they have to be for it to</p> <p>17 not bother.</p> <p>18 And it's certainly subjective</p> <p>19 in a lot of ways, so that if you want to</p> <p>20 just really not ever be able to see that</p> <p>21 there is a seam, that is a much more</p> <p>22 stringent J&D requirement than just</p> <p>23 having it be not objectionable.</p> <p>24 And so, you know, that's how</p> <p>25 I've always viewed the idea of</p>	<p style="text-align: right;">Page 201</p> <p>1 Lubin</p> <p>2 they call them, these images.</p> <p>3 So, you know, in that case, and</p> <p>4 also, you know, it helps you understand</p> <p>5 where you are in the collection of images</p> <p>6 for people to see some edges between</p> <p>7 them. You know, some see where one</p> <p>8 starts and the other ends. And so that</p> <p>9 is certainly an example of mosaicing and</p> <p>10 yet there is no requirement for</p> <p>11 seamlessness. In fact, there is a</p> <p>12 requirement for not seamlessness in those</p> <p>13 applications.</p> <p>14 And so my opinion of whether or</p> <p>15 not mosaicing has to include any attempt</p> <p>16 to make things seamless is really</p> <p>17 informed by those kinds of applications</p> <p>18 and in my experience.</p> <p>19 Q. In this example of aerial</p> <p>20 imagery, when the mosaic is being put</p> <p>21 together, do they also go through what</p> <p>22 the Burt patent describes as the mosaic</p> <p>23 composition process?</p> <p>24 MR. DESAI: Objection to form.</p> <p>25 A. There is the alignment process</p>

<p style="text-align: right;">Page 202</p> <p>1 Lubin</p> <p>2 and then, you know, it's a composition</p> <p>3 process in the sense that these images</p> <p>4 are being laid out on top of each other</p> <p>5 or near each other.</p> <p>6 Q. And the process of being laid</p> <p>7 out on top of each other or near each</p> <p>8 other, how does that work?</p> <p>9 A. It works in a lot of different</p> <p>10 ways. One typical way is to just pick an</p> <p>11 edge between the two images and if there</p> <p>12 is no overlapping area, just to allow one</p> <p>13 image to go to that edge from its -- from</p> <p>14 the side that it is mainly on. And then</p> <p>15 the other image to go to that edge the</p> <p>16 side that it's on. That is a good way to</p> <p>17 avoid distorting the view.</p> <p>18 You could also -- you could</p> <p>19 also average the pixels that might reduce</p> <p>20 the resolution in those areas, so...</p> <p>21 Q. And do you agree that mosaicing</p> <p>22 as used in these patents requires some</p> <p>23 effort to reduce seams in the resulting</p> <p>24 image?</p> <p>25 A. No. Not at all. You know, I</p>	<p style="text-align: right;">Page 204</p> <p>1 Lubin</p> <p>2 those reasons I already gave are still on</p> <p>3 the record, correct?</p> <p>4 Q. Yes.</p> <p>5 A. So the thing I would like to</p> <p>6 add to that is, even though the Burt</p> <p>7 patent describes many cases in which</p> <p>8 attempting to reduce seams is desirable,</p> <p>9 it's interesting and important to note</p> <p>10 that the claims themselves, and claim 1,</p> <p>11 even, in particular, doesn't say anything</p> <p>12 at all about reducing visibility of</p> <p>13 seams.</p> <p>14 And that of itself suggests to</p> <p>15 me that it's not a requirement, even the</p> <p>16 attempt to reduce the visibility of seams</p> <p>17 is not at all a requirement of mosaicing</p> <p>18 as he constructed it, and as I observed</p> <p>19 in my own experience, both in work and in</p> <p>20 the world at large.</p> <p>21 Q. Do you agree that the mosaicing</p> <p>22 process taught by the Burt patent</p> <p>23 includes image processing aimed at</p> <p>24 reducing seams in the resulting image?</p> <p>25 MR. DESAI: Objection to form.</p>
<p style="text-align: right;">Page 203</p> <p>1 Lubin</p> <p>2 know that, you know, there were a number</p> <p>3 of examples given in the Burt and in</p> <p>4 these patents that do suggest that you</p> <p>5 would want to reduce the visibility of</p> <p>6 seams, but speaking from, you know, from</p> <p>7 my experience in mosaicing, and from the</p> <p>8 ordinary definition of mosaicing, there</p> <p>9 is no need for that.</p> <p>10 And in fact, if you look at the</p> <p>11 Burt patent, that these, that are</p> <p>12 incorporated by reference into --</p> <p>13 (Off the record.)</p> <p>14 THE VIDEOGRAPHER: Back on the</p> <p>15 record at 4:44 p.m.</p> <p>16 BY MS. CHEN:</p> <p>17 Q. Dr. Lubin, before the break I</p> <p>18 just asked a question, and the question</p> <p>19 is, do you agree that mosaicing as used</p> <p>20 in these patents requires some effort to</p> <p>21 reduce seams in the resulting image?</p> <p>22 MR. DESAI: Objection to form.</p> <p>23 A. Yeah, I believe I started</p> <p>24 saying that I don't, and then I gave a</p> <p>25 number of reasons. And I assume that</p>	<p style="text-align: right;">Page 205</p> <p>1 Lubin</p> <p>2 A. In some embodiments, yes. But</p> <p>3 as I've just testified it does not</p> <p>4 require it or else it would have been in</p> <p>5 the first claim.</p> <p>6 Q. And to be clear, my question is</p> <p>7 whether the mosaic process taught by the</p> <p>8 Burt process includes image processing in</p> <p>9 different reduced seams in the resulting</p> <p>10 image?</p> <p>11 A. I was talking about claim 1 in</p> <p>12 the Burt patent.</p> <p>13 Q. So your opinion is that in the</p> <p>14 methods and systems taught by the Burt</p> <p>15 patent, the image processing takes place</p> <p>16 during the composition process, but does</p> <p>17 not require reduction of seams; is that</p> <p>18 fair?</p> <p>19 MR. DESAI: Objection to form.</p> <p>20 A. No. I am saying you don't need</p> <p>21 to do that image processing. You may do</p> <p>22 image processing for other reasons, but I</p> <p>23 believe the image processing to which the</p> <p>24 Burt patent refers is there specifically</p> <p>25 to attempt to reduce the visibility of</p>

<p style="text-align: right;">Page 222</p> <p>1 Lubin</p> <p>2 Q. Yes.</p> <p>3 A. Well, I think so, but if you</p> <p>4 want to tell me that is the case, I will</p> <p>5 believe you.</p> <p>6 Q. You don't have to take my word</p> <p>7 for it. We can reference the patent.</p> <p>8 A. In '234, claim 4 talks about</p> <p>9 mosaic imaging.</p> <p>10 Q. Yes. For example, '234, claim</p> <p>11 3 also discusses mosaic imagery, right?</p> <p>12 A. Yes, I thought you were asking</p> <p>13 about the term "mosaicing," though.</p> <p>14 Q. I apologize. Do you agree that</p> <p>15 the term "mosaic imagery" is used in</p> <p>16 claim 3 of the '234 patent?</p> <p>17 A. Yes, I do.</p> <p>18 Q. And is it your opinion that the</p> <p>19 claim to be construed here is "mosaicing"</p> <p>20 and that term can also be modified to</p> <p>21 describe mosaic imagery?</p> <p>22 MR. DESAI: Object to form.</p> <p>23 A. Let me look at what I wrote</p> <p>24 about this because I don't remember off</p> <p>25 the top of my head.</p>	<p style="text-align: right;">Page 224</p> <p>1 Lubin</p> <p>2 MR. DESAI: Objection to form.</p> <p>3 And misstates prior testimony.</p> <p>4 A. To the extent that a claim in</p> <p>5 the Kewazinga -- in any of the Kewazinga</p> <p>6 patents is relying on mosaicing as set</p> <p>7 forth by the Burt patent, then yes, the</p> <p>8 Burt patent says that mosaicing involves</p> <p>9 an alignment process and a composition</p> <p>10 process, a combination process,</p> <p>11 composition process.</p> <p>12 Q. Do you agree that the claim in</p> <p>13 the Kewazinga patent that cites mosaic or</p> <p>14 mosaic imagery is all in the context of</p> <p>15 what is set forth in the Burt patent?</p> <p>16 MR. DESAI: Objection to form.</p> <p>17 A. I'm not sure. That seems to me</p> <p>18 to be a legal question and not a claim</p> <p>19 construction question.</p> <p>20 Q. When you evaluated the</p> <p>21 suitability of your construction of the</p> <p>22 term "mosaic," did you rely on anything</p> <p>23 other than Burt?</p> <p>24 MR. DESAI: Objection to form.</p> <p>25 A. Yeah, I relied on my past</p>
<p style="text-align: right;">Page 223</p> <p>1 Lubin</p> <p>2 Can you ask that question</p> <p>3 again?</p> <p>4 Q. The question is, is it your</p> <p>5 opinion that the construction of the term</p> <p>6 "mosaicing" can also be modified to</p> <p>7 construe mosaic imagery?</p> <p>8 MR. DESAI: Objection to form.</p> <p>9 A. Well, this is what I learned.</p> <p>10 That other claim terms reciting the word</p> <p>11 "mosaicing" or variants using "mosaic</p> <p>12 imagery" should be construed with the</p> <p>13 construction of the term "mosaicing" and</p> <p>14 need not be separately or additionally</p> <p>15 construed.</p> <p>16 So that means that, you know,</p> <p>17 once the definition of "mosaicing" is</p> <p>18 agreed upon, then that informs the</p> <p>19 definition of all those other terms;</p> <p>20 mosaic imagery, mosaic images, generating</p> <p>21 mosaic images, et cetera.</p> <p>22 Q. Okay. So going back to my</p> <p>23 question, you don't know whether or not</p> <p>24 the Kewazinga patent required a</p> <p>25 composition process?</p>	<p style="text-align: right;">Page 225</p> <p>1 Lubin</p> <p>2 experience with image mosaics and what</p> <p>3 I've seen out in the world with image</p> <p>4 mosaics and mosaicing.</p> <p>5 Q. Is your past experience with</p> <p>6 image mosaicing consistent or</p> <p>7 inconsistent with what is disclosed in</p> <p>8 Burt?</p> <p>9 MR. DESAI: Objection to form.</p> <p>10 A. I would say it's consistent.</p> <p>11 It says that, you know, there is an</p> <p>12 alignment process and a composition</p> <p>13 process, that seems straightforward to me</p> <p>14 as the two pieces that comprise the</p> <p>15 mosaicing process.</p> <p>16 The additional optional task of</p> <p>17 attempting to create seamlessness has</p> <p>18 never been a part of my understanding of</p> <p>19 what mosaicing is about, well before I</p> <p>20 ever looked at any of these patents and</p> <p>21 nothing in the patents led me to believe</p> <p>22 otherwise.</p> <p>23 Q. Do you have an opinion about</p> <p>24 whether the presence or absence of image</p> <p>25 processing aimed at reducing seams in</p>

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1
2 **CERTIFICATION**
3
4 I, DAWN MATERA, a Notary Public
5 for and within the State of New York, do
6 hereby certify:
7 That the witness whose testimony
8 as herein set forth, was duly sworn by
9 me; and that the within transcript is a
10 true record of the testimony given by
11 said witness.
12 I further certify that I am not
13 related to any of the parties to this
14 action by blood or marriage, and that I
15 am in no way interested in the outcome of
16 this matter.
17 IN WITNESS WHEREOF, I have
18 hereunto set my hand this 19th day of
19 November, 2020.
20
21 
22 DAWN MATERA
23
24
25

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1
2 **I N D E X**
3 Witness Page
4 JEFFREY LUBIN 5
5
6 **E X H I B I T S**
7 No. Page
8 Exhibit 1 Claim construction expert 8
9 report and declaration
10 Exhibit 2 Notice of deposition to 9
11 Kewazinga pursuant to Rule
12 30(b)(1)
13 Exhibit 3 Dr. Keith Hannah's 48
14 original and supplemental
15 declaration submitted in
16 connection with Microsoft
17 case
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1 Veritext Legal Solutions
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6 November 20, 2020
7 Jeffrey Lubin
8 jxlubin@gmail.com
9 Case Name: Kewazinga Corp. v. Google, LLC
10 Veritext Reference Number: 4338777
11 Witness: Jeffrey Lubin Deposition Date: 11/16/2020
12 Dear Sir/Madam:
13 Enclosed you will find a transcript of your deposition.
14 As the reading and signing have not been expressly
15 waived, please review the transcript and note any
16 changes or corrections on the jurat/errata sheet
17 included, indicating the page, line number, change and
18 reason for the change. Sign at the bottom of the sheet
19 in the presence of a notary except in California where
20 you are signing under penalty of perjury and email
21 the errata sheet back to us at the address shown above.
22 If the jurat is not received within thirty days of your receipt of
23 this letter, the reading and signing will be deemed waived.
24 Sincerely,
25 Production Department
Encl.
Cc: Emily Chen, Esq.
Saunak Desai, Esq.

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1 Kewazinga Corp. v. Google, LLC
2 Jeffrey Lubin
3 **E R R A T A**
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5 **PAGE LINE CHANGE**
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